

Electricity from WATER

SAMPLE

Suggested Teaching and Learning

Text Type: Non-Fiction

Genre: Description

Suggested Reading Recovery Level: 4

Word Count: 48

ACARA reference

Learning Areas: English; Humanities and Social Sciences

General Capabilities: Literacy; Ethical Understanding

Cross Curriculum Priorities: Sustainability

Teaching and Discussion Points

Before reading - activate prior knowledge and set the purpose for reading.

- Read the title. Tell students that water can be used to make electricity and that the cover picture is of a dam, where the water used to make electricity, is stored.
- Locate the wheel in the text as it may be different to the wheels students are familiar with.
- Rehearse the language structures *round and round and round*.

During reading - support students to read the text independently.

- Prompt for strategic activity as students read and problem solve. Reinforce and support behaviours such as stopping, repeating, re-reading, searching the picture or sounding out.

After reading - comprehension conversation and word work.

- Discuss how water makes the wheel go round. To deepen students' understanding you could use images or short video clips that illustrate water wheels.
- Extend meaning through shared writing. Jointly compose and construct two or three descriptive sentences about how water can make electricity such as *The water goes on the wheel and the wheel turns round. This will make electricity*. Have students illustrate each sentence.

Vocabulary: electricity, game, round, splash, toothbrush, water, wheel

High Frequency Words: and, at, go, look, make, on, the, will

Word Study

- Locate the words *electricity*, *water* and *toothbrush*. Clap each word to hear the syllables. Clap other multisyllabic words students may know.
- Make a word string with the word *will*, such as *till*, *fill* and *Bill*. Hear the rhyme and notice the pattern.

Links to National Literacy Progressions - Reading and Viewing

Phonological Awareness	Phonic Knowledge and Word Recognition	Fluency	Understanding Texts
PhA2, PhA5	PKW4, PKW5	FIY2, FIY3	UnT4, UnT5

Carbon in the form of coal and other fossil fuels is burnt to give off the molecule carbon dioxide. Throughout this series we have referred to carbon dioxide as gas due to the complexity of both the science specific language and content.



Using Water to Make Electricity

Look at the water.



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Here comes the water.

Splash!



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Look at the **wheel**.



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7

The water will go on the wheel.

The wheel will go round

and round and round.

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Electricity from WATER

Electricity from water is a simple informational text that introduces students to hydro electricity. A sense of movement and energy are conveyed as the text attempts to explain how running water is harnessed to make electricity.

The Authors

Carole and Suzanne are sisters and educators.

Carole has over 30 years teaching experience. The last 15 years have been spent specialising in early literacy acquisition, training teachers and designing and delivering early reading and writing interventions. Carole has a Master of Education and a Master of Teaching English to Speakers of Other Languages.

Suzanne has 15 years teaching experience 13 of which have been spent teaching ESL students. She has a Master of Education (IT in Education) and a Bachelor of Vocational Education and Training.



Electricity is very dangerous

Please read book 26

"TAKE CARE with ELECTRICITY"

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